

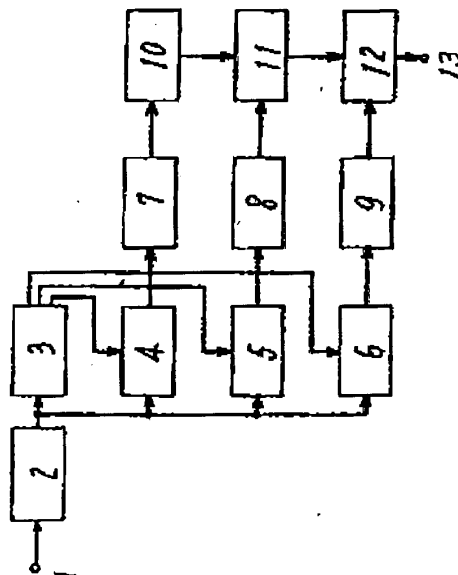
MULTIPLEX SIGNAL TRANSMISSION SYSTEM

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Inventor: TANABE KENZOU
Applicant: MATSUSHITA DENKI SANGYO KK
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Abstract of JP57188150

PURPOSE: To transmit music signals with high quality equivalently, by transmitting information relating to the music signal with a binary code, to a transmission line in which the frequency band such as subchannel of multiplex broadcast is limited and the quality is not sufficient.

CONSTITUTION: A sub-carrier wave outside of an audible band of a main audio channel is FSK-modulated with a synchronizing signal, a tone control signal, and binary code in each 4-bit representing a harmonic control signal and an envelope control signal and transmitted from a transmission side. At a reception side, a main audio channel and a sub-audio channel are demodulated, and a sub-audio channel signal is applied to a synchronizing detection circuit 3, a tone control signal detection gate 4, a harmonic wave control signal detection gate 5, and an envelope control signal detection gate 6 via a wave shape circuit 2, and a music signal can be reproduced by giving the outputs to a saw tooth variable frequency oscillator 10, a pass band variable filter 11, and a variable level controller 12 through code converters and storage devices 7-9.



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(72) Inventor: Onuki Masao
(72) Inventor: Terada Tsuyoshi
(71) Applicant: Casio Computer Co., Ltd.

(57) Scope of claims of Utility Model Registration

An electronic musical instrument comprising:

mounting means for mounting a performance information memory means which memorizes a plurality of performance information of at least one type among a plurality of types of performance information needed for performing a music composition:

type specifying means for specifying the type of the performance information memorized in the performance information memory means mounted by the mounting means;

selecting means for selecting one of the performance information memorized in the performance information memory means mounted by the mounting means;

memory means having areas corresponding to the types of the performance information for storing the performance information selected by the selecting means in the area corresponding to the type specified by the type specifying means; and

control means for controlling to generate music tones according to the performance information stored in each area of the memory means.